

				Customer NOBLE		Job Number DA6T-01864	
Well BOOTH USX EE25-16			Location (legal) 217304		Schlumberger Location Cheyenne		Job Start Nov/20/2017
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 7076.0 ft	Well TVD 7076.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 220 degF	BHCT 210 degF	Pore Press. Gradient lb/gal
Well Master 630974033		API/UWI 512326592					
Rig Name	Drilled For Oil & Gas	Service Via Land		Casing/Liner			
				Depth, ft	Size, in	Weight, lb/ft	Grade Thread
Offshore Zone	Well Class Old	Well Type Other		7076.0	4.5	11.6	N/A N/A
				2800.0	4.5	11.6	N/A N/A
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft Grade Thread
Service Line Cementing		Job Type Nio Plug & Shallow Balance Plu		T	7076.0	2.4	4.7 N/A N/A
				T	2800.0	2.4	4.7 N/A N/A
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi	WH Connection 2 3/8" 4.7# T/S	Perforations/Open Hole			
				Top, ft	Bottom, ft	shot/ft	No. of Shots Total Interval
Service Instructions Nio Plug = 40 sks 1.17 ft ³ /sk 5.046 gps = 8.33 bbls Est Toc = 6,538 ft from 7076 ft to 6540 ft = 536 ft Spacer 5 bbls CMT 8.33 bbls Displace 24 bbls Shallow Plug = 40 sks 1.17 ft ³ /sk 5.068 gps = 8.33 bbls Est Toc = 2,264 ft from 2800 ft to 2264 ft = 536 ft Spacer 5 bbls CMT 8.33 bbls Displace 7.64 bbls				ft	ft		ft
				ft	ft		Diameter
				ft	ft		in
				Treat Down Tubing		Displacement 31.6 bbl	Packer Type
Tubing Vol. 38.2 bbl		Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure psi				Shoe Type		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft		Tool Type	
No. Centralizers	Top Plugs	Bottom Plugs		Stage Tool Type		Tool Depth ft	
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Nov/20/2017		Arrived on Location Nov/20/2017		Leave Location Nov/20/2017		Collar Type Tail Pipe Depth ft	
						Sgz. Total Vol. bbl	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	Pressure PSI	Message	
11/20/2017	12:24:29	0.0	8.36	0.0	4	Started Acquisition	
11/20/2017	12:24:30	0.0	8.36	0.0	-1	Water Test Complete	
11/20/2017	12:24:32	0.0	8.36	0.0	-1	Start Job	
11/20/2017	12:29:30	0.9	8.33	1.1	910		
11/20/2017	12:29:33	0.9	8.33	1.1	919	Start Pumping Spacer	
11/20/2017	12:30:29	0.0	8.33	1.8	27	End Spacer	
11/20/2017	12:30:30	0.0	8.33	1.8	31	Reset Total, Vol = 5.01 bbl	
11/20/2017	12:31:17	0.0	8.57	1.8	2439	Pressure Test Lines	
11/20/2017	12:34:00	0.9	16.43	2.2	1024	Start Cement Slurry	
11/20/2017	12:34:31	0.9	16.19	2.7	1011		
11/20/2017	12:34:54	0.9	16.23	3.0	951	Wet Sample Taken	
11/20/2017	12:36:21	0.9	15.60	4.4	846	End Cement Slurry	
11/20/2017	12:36:22	0.9	14.69	4.4	818	Reset Total, Vol = 8.40 bbl	
11/20/2017	12:36:30	0.9	9.61	4.5	800	Start Displacement	
11/20/2017	12:39:32	0.9	8.48	7.4	548		
11/20/2017	12:42:49	0.9	8.44	10.5	443	End Displacement	
11/20/2017	12:42:50	0.9	8.44	10.5	471	Reset Total, Vol = 24.02 bbl	
11/20/2017	12:44:33	0.0	8.31	11.3	-5		
11/20/2017	12:49:34	0.0	0.01	14.1	-1		
11/20/2017	12:54:35	0.0	0.01	14.1	-1		
11/20/2017	12:56:27	0.0	0.01	14.1	-1	End Job	

Well BOOTH USX EE25-16			Field DJ		Job Start Nov/20/2017		Customer NOBLE		Job Number DA6T-01864	
Date	Time 24-hr clock	Flow Rate B/M		Density LB/G	Volume BBL	Pressure PSI	Message			
11/20/2017	14:02:38	0.0		0.01	0.0	-1	Start Job			
11/20/2017	14:02:41	0.0		0.01	0.0	-1	Roll Hole			
11/20/2017	14:04:49	0.0		8.35	0.0	-1				
11/20/2017	14:09:50	5.1		9.27	14.7	873				
11/20/2017	14:14:51	0.0		8.34	39.6	31				
11/20/2017	14:15:17	0.0		8.34	39.6	-33	Reset Total, Vol = 39.63 bbl			
11/20/2017	14:16:48	1.8		15.97	39.7	732	Start Cement Slurry			
11/20/2017	14:16:54	3.6		16.06	40.0	530	Wet Sample Taken			
11/20/2017	14:18:19	3.6		15.73	45.1	535	End Cement Slurry			
11/20/2017	14:18:20	3.5		15.72	45.2	384	Reset Total, Vol = 8.32 bbl			
11/20/2017	14:18:21	2.9		15.71	45.2	127	Start Displacement			
11/20/2017	14:19:52	4.2		8.92	48.4	576				
11/20/2017	14:21:19	0.0		8.55	54.1	-33	End Displacement			
11/20/2017	14:24:47	3.8		8.57	54.3	91	Reset Total, Vol = 7.60 bbl			
11/20/2017	14:24:53	5.5		8.57	54.6	196				
11/20/2017	14:29:54	0.0		0.01	81.9	-1				
11/20/2017	14:34:55	0.0		0.01	81.9	-1				
11/20/2017	14:39:56	0.0		0.01	81.9	-1				
11/20/2017	14:43:09	0.0		0.01	81.9	-1	End Job			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry 4.8	N2	Mud	Maximum Rate 8.5	Total Slurry 16.7	Mud 0.0	Spacer 10.2	N2
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum 1047	Final -1	Average 542	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 16.7 bbl		Displacement 31.6 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume bbl	
					Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Dustin Stephens			Schlumberger Supervisor Wayne Silvester			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
						-	-

				Customer NOBLE			Job Number DA6T-01868						
Well BOOTH USX EE 25-16			Location (legal) 217304			Schlumberger Location Cheyenne			Job Start Nov/22/2017				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD 1030.0 ft		Well TVD 1030.0 ft		
County Weld		State/Province Colorado			BHP psi		BHST 80 degF		BHCT 90 degF		Pore Press. Gradient lb/gal		
Well Master 630974033		API/UWI 512326592											
Rig Name		Drilled For Oil & Gas		Service Via Land		Casing/Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade N/A	
						1030.0		4.5		11.6		N/A	
Offshore Zone		Well Class Old		Well Type Other		0.0		0.0		0.0			
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in		Weight, lb/ft	
								1030.0		2.4		4.7	
								0.0		0.0		N/A	
Service Line Cementing		Job Type Surface Plug											
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft				Total Interval ft	
						ft		ft				Diameter in	
						ft		ft					
						Treat Down Casing		Displacement 0.0 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. 4.0 bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools				Squeeze Job			
Lift Pressure psi						Shoe Type				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft			
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in			
Job Scheduled For Nov/22/2017		Arrived on Location Nov/22/2017		Leave Location Nov/22/2017		Collar Type				Tail Pipe Depth ft			
						Collar Depth ft				Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	Pressure PSI	Message							
11/22/2017	08:33:26	0.0	0.01	0.0	-1	Started Acquisition							
11/22/2017	08:33:28	0.0	0.01	0.0	-1	Water Test Complete							
11/22/2017	08:33:30	0.0	0.01	0.0	-1	Start Job							
11/22/2017	08:33:31	0.0	0.01	0.0	-1	Start Pumping Spacer							
11/22/2017	08:38:20	0.0	8.14	24.2	54	End Spacer							
11/22/2017	08:38:21	0.0	8.14	24.2	59	Reset Total, Vol = 14.23 bbl							
11/22/2017	08:38:27	0.0	8.20	24.2	68								
11/22/2017	08:40:01	0.0	8.30	24.2	2549	Pressure Test Lines							
11/22/2017	08:43:28	0.0	14.97	24.2	8								
11/22/2017	08:44:12	1.7	16.40	24.6	91	Start Cement Slurry							
11/22/2017	08:45:00	3.4	16.09	26.5	150	Wet Sample Taken							
11/22/2017	08:48:29	4.8	16.21	42.5	741								
11/22/2017	08:53:30	3.4	15.91	66.0	397								
11/22/2017	08:58:31	4.8	14.88	86.3	997								
11/22/2017	09:02:31	0.0	15.88	96.0	22	End Cement Slurry							
11/22/2017	09:02:32	0.0	15.88	96.0	22	Reset Total, Vol = 71.76 bbl							
11/22/2017	09:03:32	0.0	15.88	96.0	8								
11/22/2017	09:08:33	0.0	9.87	96.0	-5								
11/22/2017	09:13:34	0.0	8.31	125.7	-5								
11/22/2017	09:18:25	0.0	8.36	125.7	-1	POOH							
11/22/2017	09:18:35	0.0	8.37	125.7	-1								

Well BOOTH USX EE 25-16			Field DJ		Job Start Nov/22/2017		Customer NOBLE		Job Number DA6T-01868	
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume BBL	Pressure PSI	Message				
11/22/2017	09:28:37	0.0	8.37	125.7	-1					
11/22/2017	09:33:38	0.0	8.36	125.7	-1					
11/22/2017	09:38:39	0.0	8.35	125.7	-1					
11/22/2017	09:43:40	0.0	8.34	125.7	-1					
11/22/2017	09:48:41	0.0	8.32	125.7	-1					
11/22/2017	09:53:42	0.0	8.31	125.7	-1					
11/22/2017	09:58:43	0.0	8.31	125.7	-1					
11/22/2017	10:03:44	0.0	8.30	125.7	-1					
11/22/2017	10:08:45	0.0	8.29	125.7	-1					
11/22/2017	10:13:46	0.0	8.29	125.7	-1					
11/22/2017	10:14:26	0.0	8.31	125.7	-1	Stopped Acquisition				
11/22/2017	10:19:22	0.0	8.25	0.0	-1	Top Out				
11/22/2017	10:23:48	0.0	16.36	0.0	-1					
11/22/2017	10:28:49	0.0	12.86	0.0	-1					
11/22/2017	10:33:50	4.0	8.61	5.2	127					
11/22/2017	10:38:51	8.4	8.49	28.6	109					
11/22/2017	10:43:52	0.0	0.01	42.2	4					
11/22/2017	10:48:53	0.0	0.01	42.2	-1	Reset Total, Vol = 7.18 bbl				
11/22/2017	10:49:05	0.0	0.01	42.2	-1	End Job				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.7	N2	Mud	Maximum Rate 6.5	Total Slurry 78.8	Mud 0.0	Spacer 5.1	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 297	Final -3	Average 78	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 78.8 bbl	Displacement 0.0 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Washed Thru Perfs <input type="checkbox"/>	Volume 3.0 bbl	To ft	
Customer or Authorized Representative Dustin Stephens			Schlumberger Supervisor Wayne Silvester		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		